96 Well Plate Washer Specifications 2009

Features needed:

Microplate type—needs to accommodate 96 well flat and round bottom plates and strips in 96 well array

Washing Speed— One cycle, 300 ul, 96 wells < 15 seconds
Three cycles, 300 ul, 96 wells < 30 seconds

Dispensing precision < or = 3.0% CV (96 wells)

Residual Volume < or = 2.0 ul/ well (average, 96 wells)

Software At least 75 customizable programs, including wash, dispense aspirate, soak/shake, and program linking of up to 10 programs. Maintenance programs need to be predefined.

Cycles 1-10

Dispense Volume 50 to 3000 ul

Safety/ Convenience/Maintenance

Waste sensing, vacuum sensing, fluid and flow detection, splashguard, and adjustment utility for plate positioning, overflow protection and 96 well washing. Preprogrammed maintenance routines. Auto switching power supply.

Electromagnetic Compatibility
CE Mark for:

EN50081-1: 1992, EN55022 (1995) Class B
EN50082-1: 1992,
IEC 801-2: 1991 Electrostatic Discharge
IEC 1000-4-3 (1995) Radiated EM Fields
IEC 100-4-4 (1995) Electrical Fast Transient/ Burst
IEC 1000-4-5 (1995) Surge Immunity

Operating conditions 15-30 degrees C, 10-85% Humidity, non-condensing

Weight 30 lbs approx

96 Well Plate Washer Specifications 2009 (con'd)

Dimensions   16" W x 16" L x 10" H (40.6 cm x 40.6 cm x 25.4 cm) approx

Options   Automatic Switching for up to 4 reagents
Dispense/Waste Collection System

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